

Appn. No.: 10/005,656  
Amendment dated January 9, 2004  
Reply to Office Action of October 9, 2003

**Amendments to the Specification**

At page 17, please replace Table 4 with the following replacement Table 4:

**Table 4**

New [[Wre]]WRe-Recipe				
Type	WRe 'Shell' material			
Batch Size	42		Cc	
Batching Temperature	150		Deg C	
Batching Speed	60		Rpm	
Material	Density (g/cc)	Volume %	Volume (cc)	Weight (g)
W,Re,HfC	19.300	52.63	22.10	426.62
EEA (MFI 20)	0.930	27.37	11.50	10.69
EEA (MFI 1.5)	0.930	20.00	8.40	7.81
		100.00	42.00	445.12

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Please delete the Abstract paragraph at page 28, beginning at line 3, and replace it with the following replacement paragraph:

-- Processes for mechanically fabricating two and three-dimensional fibrous monolith composites are provided. The processes include preparing a fibrous monolith filament from a core composition of a first powder material and a boundary material of a second powder material. The filament includes a first portion of the core composition surrounded by a second portion of the boundary composition. One or more filaments are extruded through a mechanically-controlled deposition nozzle onto a working surface to create a fibrous monolith composite object. The objects may be formed directly from computer models and have complex geometries.--